



PLACER COUNTY WATER AGENCY
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April 22, 2015

California Department of Water Resources
Division of Integrated Regional Water Management
Financial Assistance Branch, Water-Energy Grant Program
Post Office Box 942836
Sacramento, CA 94236-0001

RE: Sierra Business Council Leak Detection Program – Grant Application

Dear Craig Cross

Any leaks that are detected during the course of this project will be scheduled for repair in a timely manner. At the time of repair, an estimate of the rate of leakage, in gallons per minute, will be made and recorded on an Excel spreadsheet to calculate the estimated annual water losses if the leak(s) had not been detected and repaired. PCWA will be responsible for all costs associated with the repair of the detected leaks.

The estimated energy and water savings in the Sierra Business Council Leak Detection grant application were derived from previous leak detection and repairs within the PCWA treated water distribution system and energy costs at PCWA treatment plants.

The kilowatt per acre foot of water treated will be estimated by comparing the annual energy usage at each treatment plant, divided by the annual water inflow to the treatment plant. The resulting kWh per acre foot value will then be applied to the estimated combined annual water loss if the leaks had not been repaired.

If you have any questions, or require additional information, please contact me either by phone or email.

Sincerely

Randy Cox
Water Management Specialist
Placer County Water Agency
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